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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of

Complete if Known

Application Number 10/677,956

Filing Date 10/01/2003

First Named Inventor Suzanne Zebedee

Art Unit 1648

Examiner Name Zachariah Lucas

Attorney Docket Number 323-100US D

<u>{</u>			U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code 2 of Irrown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ZL		US- 4,415,491	11/15/1983	Vyas	entire document
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Examiner	/Zachariah Lucas/	Date	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant, <sup>1</sup> Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanesé patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substi	itute for form 1449B/	РТО		Complete if Known			
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INF	ORMATIC	DN DIS	CLOSURE	Filing Date	10/01/2003		
ST	<b>ATEMEN</b> 1	BY A	PPLICANT	First Named Inventor	Suzanne Zebedee		
				Art Unit	1648		
	(Use as ma	ny sheets a	s necessary)	Examiner Name	Zachariah Lucas		
Sheet	2	of	4	Attorney Docket Number	323-100US D		

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the a item (book, magazine, journal, serial, symposium, catalog, etc.), da publisher, city and/or country where pu	te, page(s), volume-is:		T²		
		HOUGHTON, ET AL., Int. K. Prot. Res., 16:311-320 (1980)					
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		CHOO, ET AL., Science, 244:359-362 (1989)	<del> </del>	<del></del>			
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1515	2014471		21 221177	Application Number	10/677,956		
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STA	TEMENT	<b>TBY AF</b>	PLICANT	First Named Inventor	Suzanne Zebedee		
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Sheet	3	of	4	Attorney Docket Number	323-100US D		

		NON PATENT LITERATURE DOCUMENTS	-
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ZL		PRINCE, ET AL., "Long-Incubation of Post-Transfusion Hepatitis Without Serological Evidence of Exposure to Hepatitis-B Virus", The Lancet, 2:241 (1974)	
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		PRINCE, A.M., "Nature of Non-A, Non-B Hepatitis Viruses", The Lancet, pp. 1181-2, May, 22, 1982	
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Examiner	/Zachariah Lucas/	Date	12/22/222
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13.154				Application Number	10/677,956		
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STA	TEMENT	BY A	PPLICANT	First Named Inventor	Suzanne Zebedee		
				Art Unit	1648		
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Sheet	4	of	4	Attorney Docket Number	323-100US D		

		NON PATENT LITERATURE DOCU	MENTS				
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
ZL		SUTCLIFFE, ET AL., "Antibodies That React with Predetermined Sites on Proteins", Science, Vol. 219. No. 4585, pp. 600-666 (1983)					
ZL		GERBER, ET AL., "Biology of Disease: Molecular and Cellular Investigation, Vol. 52, No. 6, pp. 572-590 (1985)	Pathology of Hepat	itis B", Laboratory			
ZL	SMITH, ET AL., "Single-step purification of polypeptides exressed in Escherichia coli as fusions with glutathione S-transferase", Gene, 67:31-40 (1988)						
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known						
Application Number	10/677,956					
Filing Date	10/01/2003					
First Named Inventor	Suzanne Zebedee					
Art Unit	1648					
Examiner Name	Zachariah Lucas					
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ZL		EP 0363 025 B1		9/12/1989	Arima, T., et al.	entire document			
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Substitute for form 1449B/PTO				Complete if Known			
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INFC	PRMATIO	N DIS	CLOSURE	Filing Date	10/01/2003		
STA	TEMENT	BY AF	PPLICANT	First Named Inventor	Suzanne Zebedee		
				Art Unit	1648		
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Sheet	2	of	2	Attorney Docket Number	323-100US D		

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ZL		WILKINS, J., "Late seroconversion following HPV -77, DE5 rubella virus vaccine", Am. J. Obstet. Gynecol., Vol. 121, No. 7, pp. 998-1002 (1974)				
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$\bigvee_{\mathtt{ZL}}$		WEINER, A.J., ET AL., "Variable and Hypervariable Domains Are Found in the Regions of HCV Corresponding to the Flavivirus Envelope and NS1 Proteins and the Pestivirus Envelope Glycoproteins", Virology, Vol. 180, pp. 842-848 (1991, accepted for publication 10/18/1990)				

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